

October 5, 2022

VIA HAND DELIVERY & ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

RE: BTU Content Factor Filing

Dear Ms. Massaro:

Rhode Island Energy's¹ currently effective gas tariff, RIPUC NG-GAS No. 101, Section 1, Schedule B, Sheet 1 (definition of British thermal unit ("BTU") content factor) requires Rhode Island Energy to calculate the seasonal BTU content based upon the prior six-month experience for the equivalent season, which Rhode Island Energy would then propose to take effect for the applicable May 1 and November 1. Such BTU content factors are used to convert volumetric meter readings into therms. Based on Rhode Island Energy's actual gas sendout data for the six months ending April 2022, the actual weighted average system BTU content factor is 1.031. Thus, for the period of November 2022 through April 2023, Rhode Island Energy proposes to use a BTU content factor of 1.031 to convert volumetric meter readings to therms. By way of example, a meter reading of 100 ccf will equate to 103.1 therms (100 x 1.031). The proposed 1.031 BTU content factor reflects a change from the current BTU content factor of 1.028 that is in effect through the end of October 2022.

Attached please find the cumulative sendout data for the period of November 1, 2021 through April 30, 2022, supporting the proposed 1.031 BTU content factor calculation. The attachment contains volumetric and thermal equivalent sendout data for each gate station and production facility for the six months ending April 30, 2022. The Company sent out 31,790,195 Dths with a volume of 30,846,310 Mcfs, resulting in the proposed semi-annual weighted average BTU content factor of 1.031.

¹ The Narragansett Electric Company d/b/a Rhode Island Energy ("Rhode Island Energy" or the "Company").

Robinson+Cole

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Thank you for your attention to this matter. If you have any questions, please contact me at 401-709-3359.

Very truly yours,



Steven J. Boyajian

cc: John Bell, Division
Al Mancini, Division

**Rhode Island BTU Content Factor Report
November 1, 2021 Through April 30, 2022**

	MCF	BTU	DTH
Tennessee Gate Station			
Scott Road	2,622,625		2,707,604
Cranston	5,744,650		5,931,209
Lincoln	2,104,296		2,172,860
Smithfield	2,089,122		2,156,600
	12,560,693	1.032	12,968,273
Algonquin Gate Stations			
Wampanog Trail	6,284,528		6,462,685
Dey Street	2,910,780		2,993,485
Barrington	45,662		47,011
Portsmouth	1,756,903		1,806,759
Tiverton	88,578		91,093
Westerly	350,685		359,328
Burriville	82,311		85,150
Warren	957,769		985,040
Diamond Hill	107,145		110,154
Providence	4,449,070		4,580,239
	17,033,430	1.029	17,520,943
Yankee			
Montville	162,633	1.028	167,186
LNG			
Providence NGLNG ¹	798,565		837,099
Exeter	7,309		7,716
Cumberland	4,210		4,340
Newport	-		-
Westerly	-		-
	810,084	1.048	849,155
Boiloff			
Providence NGLNG ¹	245,064		249,688
Exeter	34,406		34,950
Cumberland	-		-
	279,470	1.018	284,638
Daily Weighted Average Factor	30,846,310	1.031	31,790,195

Note: ¹ Represents all the gas that goes into the RI systems